

ABSTRACT OF THE DISCLOSURE

5 A system for providing a name space to a computer
program, including a document representing a file system
for services available on a computer system. The
document defines a name space for the services, and is
organized as a tree structure having multiple nodes, such
as XML nodes. The nodes include at least one directory
10 node representing a system directory, and at least one
file node. A system area within the document defines
type attributes corresponding the file nodes and the
directory nodes, and which distinguish between the file
nodes and the directory nodes. The system area further
includes access control attributes for the file nodes in
15 the document, and a physical file attribute corresponding
to each the file nodes. The physical file attributes
define locations of physical files corresponding to the
file type nodes, while the access control attributes
specify actions permitted using the physical files.

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